NEW

Fyrite®
INSIGHT

BACHARACH

F1 F2 F3

RUN HOLD   ESC   PWR

INSIGHT

with B-SMART SENSORS

with B-SMART™ SENSORS

Fyrite®
INSIGHT
Real Time Data — Real Time Results

Exclusively from

BACHARACH
The Measurable Difference

RESIDENTIAL COMBUSTION ANALYZER

The Fyrite® INSIGHT is the only five-in-one residential combustion analyzer that utilizes PC software and the new "B-Smart™ Sensors' technology" which allow on-site calibrations, system upgrades and simple customizable features. This steady state combustion analyzer is a room air CO test instrument, flue gas CO tester, dual channel digital thermometer (up to 999ºF), digital manometer and is capable of measuring eight different fuels.

Product Features

Five Tools in ONE!
- **Combustion and efficiency analyzer – (8) different fuels**
- **Room air CO test instrument**
- **Flue gas CO tester (CO air free)**
- **Dual channel digital thermometer**
- **Digital manometer (draft, gas pressure, ESP, up to +100 INWC)**

New B-Smart™ Technology
- **Self calibration**
- **Easy access to sensors**

User Diagnostics
- **O_2 sensor life indication**
- **Calibration reminders**

Graphic LCD Display
- **Backlight, custom readout and zoom feature**

PC Based Software and Reporting Package (Optional)
- **Customize with your company logo**
- **Upload custom fuels**
- **Software updates**
- **Test data storage**

Specifications

Measurement Ranges	Combustion Air/Ambient Air Temperature	-4 to 600°F (-20 to 316°C)
	Flue Gas Temperature	-4 to 1200°F (-20 to 649°C)
	Oxygen	0.0 to 20.9% O_2
	Carbon Monoxide	0 to 2,000 ppm CO
	Draft / Differential Pressure	-100 to +100 INWC
Calculated Ranges	Combustion Efficiency	0.1 to 100%
	Carbon Dioxide	0.1 to a fuel dependent max. value in percent
	Carbon Monoxide (air free)	0 to 9,999 ppm
	Excess Air	0 to 250%
Selectable Fuels	Natural Gas	
	Oil #2, Oil #4, Oil #6	
	Propane, Coal, Wood	
	Kerosene	
Power	Four disposable AA alkaline batteries (included)	
Battery Life	Minimum of 20 hours	
Size	8.0"H x 3.6"W x 2.3"D	
Weight	16 oz. with batteries	
Warranty	2 years, including sensors	

Ordering Information

# 0024-8250	Fyrite® INSIGHT Basic	INSIGHT, hard carrying case, boot, probe assembly and instructional DVD
# 0024-8251	Fyrite® INSIGHT with Reporting Package	INSIGHT, hard carrying case, boot, probe assembly, software, instructional DVD, USB cable and IrDA printer

Benefits

Grow Your Business
- **Install more efficient systems, saving your customer money**
- **Increase repeat business**
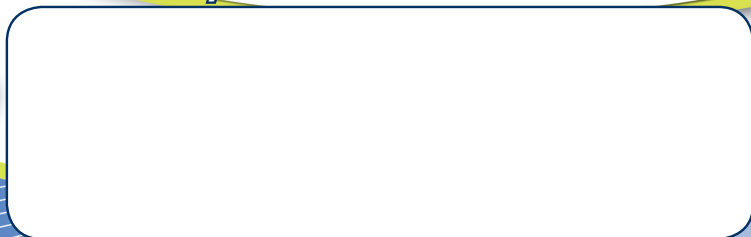- **Validate safe operation**
- **Provide digital documentation**

Save Time and Money
- **No downtime due to sensor calibration or replacement**
- **Reduce callbacks**
- **PC and internet updates**
- **Simple to use with customizable display and measurement options**

Experience the Highest Quality of Innovation and Reliability
- **Made in the USA**
- **Uses state of the art technology to measure, analyze and report**
- **Improves creditability and confidence for you and your customer**

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